AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended): Method for controlling the opening and closing of intake valves of an internal combustion engine comprising an indirect fuel injection system, comprising at least a first intake valve ~~(S1)~~ and a second intake valve ~~(S2)~~ per cylinder ~~(CC)~~, each valve ~~(S1, S2)~~ making it possible to close or open a first and a second intake pipes ~~(C1, C2)~~, respectively, of the cylinder ~~(CC)~~ and being controlled independently from the other valve, at least one of the pipes ~~(C1, C2)~~ being supplied with fuel and at least one of the other pipes ~~(C1, C2)~~ not being supplied with fuel, characterized in that it consists in controlling the closing of the valve(s) ~~(S1, S2)~~ corresponding to the intake pipe(s) ~~(C1, C2)~~ supplied with fuel during the time intervals when the injection system does not operate.

2. (Currently amended): System for controlling the opening and closing of the intake valves of an internal combustion engine comprising an indirect fuel injection system ~~(I)~~, comprising at least a first intake valve ~~(S1)~~ and a second intake valve ~~(S2)~~ per cylinder ~~(CC)~~, each valve ~~(S1, S2)~~ being controlled independently from the other valve by an actuating device ~~(EM1, EM2)~~ for closing and opening a first and a second intake pipes ~~(C1, C2)~~, respectively, of the cylinder ~~(CC)~~, at least one of the pipes ~~(C1, C2)~~ being equipped with a driven fuel injection device ~~(I)~~ and at least one of the other pipes ~~(C1, C2)~~ not being equipped with a fuel injection device, and comprising means ~~(UC)~~ for controlling the fuel injection device ~~(I)~~, characterized in that it

comprises a central unit ~~(UC)~~ making it possible to control the actuating devices ~~(EM1, EM2)~~ so as to close the valve(s) ~~(S1, S2)~~ corresponding to the intake pipe(s) equipped with a fuel injection device ~~(I)~~ during the time intervals when the means ~~(UC)~~ for controlling the fuel injection device ~~(I)~~ cut operation of the latter.